03050104-080

(Swift Creek)

General Description

Watershed 03050104-080 is located in Kershaw, Sumter, and Lee Counties and consists primarily of ***Swift Creek*** and its tributaries. The watershed occupies 39,962 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Vaucluse-Pelion-Wagram-Lucy series. The erodibility of the soil (K) averages 0.12 and the slope of the terrain averages 7%, with a range of 2-15%. Land use/land cover in the watershed includes: 58.4% forested land, 29.5% agricultural land, 6.2% scrub/shrub land, 4.2% forested wetland (swamp), 1.1% water, 0.3% urban land, and 0.3% barren land.

Swift Creek is joined by Little Swift Creek and flows through Boykins Mill Pond (200 acres) and White Oak Slash Lake before draining into the Wateree River. There are a total of 84.8 stream miles and 335.8 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

Station #	Type	Class	Description
CW-238	W/INT	FW	SWIFT CREEK AT SC 261

Swift Creek (CW-238) - Aquatic life uses are not supported due to dissolved oxygen excursions, which are compounded by a significant decreasing trend in dissolved oxygen concentration. There is also a significant increasing trend in turbidity. This is a blackwater system, characterized by naturally low pH conditions. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. A significant decreasing trend in five-day biochemical oxygen demand suggests improving conditions for this parameter. Recreational uses are fully supported and a significant decreasing trend in fecal coliform bacteria concentration suggests improving conditions for this parameter.

Groundwater Quality

Well #	Class	Aquifer	Location
AMB-019	GB	BLACK CREEK	WATEREE CORRECTIONAL INST.

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

LANDFILL NAME / *FACILITY TYPE*	*PERMIT #* / *STATUS*
WATEREE CORRECTIONAL INST.	--------
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Growth Potential

There is a low potential for growth in this watershed, which contains a portion of the Town of Rembert.